



Designation

The Krafftahrt-Bundesamt herewith certifies that

CTC advanced GmbH

Untertürkheimer Straße 6-10
66117 Saarbrücken
Germany

complies with

EN ISO/IEC 17025:2005
EN ISO/IEC 17020:2012

and has demonstrated appropriate technical and approval relevant knowledge and skills.

The above body is designated as technical service category A, B and D.
(Scope see annex to the certificate)

This designation is valid from: 29 September 1997

The annex (3 pages) is an integral part of the certificate.

Registration number: KBA-P 00070-97

Date: 06 December 2016

Signature: On behalf

Bernhard Jurk



The designation has been awarded based on an assessment according to the designation rules and on the recognition of the certificate of accreditation, registration number D-PL-12076-01-01, issued by Deutsche Akkreditierungsstelle GmbH.

The designation is bound to compliance with the designation rules of the KBA as amended and to the accreditation on which the designation is based. The KBA must immediately be informed about amendments to this accreditation or its termination.

The designation is combined with the recognition for the KBA type approval procedure.

The designation is published by the KBA (<http://www.kba.de>). This certificate becomes void with cancellation of the published entry.

The certificate of designation is not to be disseminated in any other form than the present one. The publication of extracts is subject to approval from the KBA¹. Only digital copies are permitted. Legally authoritative is only the certificate in A4 format with an original signature.

The technical service is permitted to use the following logo for indication of its designation. Rules for the use of the designation logo must be observed.



Requests regarding the designation can be addressed to

Kraftfahrt-Bundesamt
Office Dresden
P.O. Box 12 01 53
01002 Dresden
Germany

benennungsstelle@kba.de

¹ The unmodified publication of the Certificate without annex is excluded from this requirement.

It has been proved that the testing laboratory is competent for the scope given below to carry out or supervise autonomously tests acceptable for approval procedures on the basis of²

- The law about the Agreement of 20 March 1958 concerning the adoption of uniform technical prescriptions for wheeled vehicles, equipment and parts which can be fitted and/or be used on wheeled vehicles and the conditions for reciprocal recognition of approvals granted on the basis of these prescriptions
- The Decree on EC approval procedures for motor vehicles and their trailers, and of systems, components and separate technical units for such vehicles (EG-Fahrzeuggenehmigungsverordnung – EG-FGV) or the corresponding Regulations (EU) on the approval and market surveillance of vehicles
- The German Road Traffic Licensing Regulations (StVZO)
- The Decree on vehicle parts (FzTV).

Designated and recognised testing methods (Prüfverfahren) are covered by following scopes (Prüfgebiete):

08 Electric/electronic systems

² if relevant for test procedures (see "Catalogue of designated and recognised testing methods")

Annex to the certificate of designation

KBA-P 00070-97 of 06 December 2016

Catalogue of designated and recognised testing methods (Prüfverfahren)

(sorted by testing scope (Prüfgebiet) and subscope (Prüfumfang))

Specifications and standards quoted in testing methods as given below are included in the designation.

Categories are used as defined in the framework directive 2007/46/EC. Classification A refers to evaluation regarding EN ISO/IEC 17025:2005, classifications B or D - to evaluation regarding EN ISO/IEC 17020:2012.

Category V indicates that the technical service is designated for virtual testing. Such designation applies only for procedures listed in the relevant regulatory acts. In this respect, the V-scope might be smaller than the scope characterized by the catalogue index. Designation does not cover the agreement of the approval authority to the validation report.

Scope and categorizing of test procedures refer only to the designation in general and do not allow any conclusions about the scope of possible single sites.

		Cat
08	Electric/electronic systems	
08-01	Electromagnetic compatibility	
08-01-01	72/245/EEC * 2006/28/EC (Annexes VII-X)	A, B, D
08-01-04	97/24/EC Chapter 8 * 2009/108/EC (Annexes V-VII)	A, B, D
08-01-05	2009/64/EC (Annexes IX-XI)	A, B, D
08-01-11	UN-R 10 Series 05 (Annexes 7-10 and 17-22)	A, B, D
08-02	Anti-theft alarm system	
08-02-01	74/61/EEC * 2006/96/EC (Annex VI)	A, B, D
08-02-21	UN-R 97 Series 01 (Parts I and II)	A, B, D
08-02-22	UN-R 116 (Parts II and III)	A, B, D
08-03	Electronic immobilizer	
08-03-01	74/61/EEC * 2006/96/EC (Annex V)	A, B, D
08-03-21	UN-R 97 Series 01 (Part III)	A, B, D
08-03-22	UN-R 116 (Part IV)	A, B, D
08-04	Electric vehicles	
08-04-23	UN-R 100 Series 02 (Part II) Rechargeable Energy Storage System (REESS)	A, B, D

End of list